

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A method of forming an electrical MRIS shim coil, said method comprising:  
  
forming a required coil pattern in a sheet of electrically conductive material by cutting or punching.
2. (Previously Presented) A method as in claim 1 wherein the pattern is punched from the sheet.
3. (Previously Presented) A method as in claim 2 wherein the pattern is punched using a CNC punch or stamping machine.
4. (Previously Presented) A method as in claim 1 wherein the pattern is cut using a laser or a water jet.
5. (Withdrawn) An electrical MRIS shim coil made by the method of claim 1.
6. (Previously Presented) A method of making an electrical MRIS shim coil, said method comprising:  
  
creating plural adjacently positioned MRIS shim coil windings by cutting a continuous sheet of electrically conductive material along spaced apart paths, which windings are physically retained in adjacent as-cut positions by an insulating substrate adhered to said conductive material,

said cutting step including removal of conductive material along at least one cutting path by a process including at least one of: punching, stamping, laser beam and water jet cutting processes.

7. (Currently Amended) A method as in claim 6 wherein said cutting comprises:  
a first cutting step wherein bridges of material are left along the cutting paths to physically maintain the adjacent as-cut positions of the MRIS shim coil windings ~~conductors~~ while ~~an~~ said insulating substrate is adhered thereto followed by a second cutting step wherein said bridges are cut off to completely form an electrical separation between the adjacent winding conductors thus formed.

8. (Withdrawn) A method as in claim 6 wherein said cutting step creates one continuous spiral-like cut path in said continuous sheet of conductive material.

9. (Withdrawn) A method as in claim 6 wherein said cutting step creates plural parallel cut paths in said continuous sheet of conductive material to create opposing ends that are bent and electrically connected by forming the conductive material, and the supporting insulating substrate, into a closed shape.

10. (Withdrawn) An MRIS shim coil produced by the process of claim 6.